

Re-run # 002

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/540,406  
Source: PCT  
Date Processed by STIC: 11/04/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/540,406

DATE: 11/04/2005

TIME: 09:01:07

Input Set : N:\Crf4\Refhold\10\_folder\J540406.raw

Output Set: N:\CRF4\11042005\J540406.raw

1 <110> APPLICANT: Frank Bergmann  
2 Dirk Block  
3 Joerg Kleiber  
4 Christine Markert-Hahn  
5 <120> TITLE OF INVENTION: Improved method for bisulfite treatment  
6 <130> FILE REFERENCE: 21581 US  
7 <140> CURRENT APPLICATION NUMBER: US/10/540,406  
8 <141> CURRENT FILING DATE: 2005-06-24  
9 <150> PRIOR APPLICATION NUMBER: EP 03001854.3  
10 <151> PRIOR FILING DATE: 2003-01-29  
11 <150> PRIOR APPLICATION NUMBER: EP 03010020.0  
12 <151> PRIOR FILING DATE: 2003-05-02  
13 <160> NUMBER OF SEQ ID NOS: 8  
14 <170> SOFTWARE: PatentIn Ver. 2.1  
16 <210> SEQ ID NO: 1  
17 <211> LENGTH: 20  
18 <212> TYPE: DNA  
19 <213> ORGANISM: Artificial Sequence  
20 <220> FEATURE:  
21 <223> OTHER INFORMATION: Description of Artificial Sequence:sense strand  
22 <400> SEQUENCE: 1  
23 gagggggcgcc ctggagtccc  
25 <210> SEQ ID NO: 2 20  
26 <211> LENGTH: 20  
27 <212> TYPE: DNA  
28 <213> ORGANISM: Artificial Sequence  
29 <220> FEATURE:  
30 <223> OTHER INFORMATION: Description of Artificial Sequence:antisense  
31 strand  
32 <400> SEQUENCE: 2  
33 gggactccag ggcgcccctc  
35 <210> SEQ ID NO: 3 20  
36 <211> LENGTH: 20  
37 <212> TYPE: DNA  
38 <213> ORGANISM: Artificial Sequence  
39 <220> FEATURE:  
40 <223> OTHER INFORMATION: Description of Artificial Sequence:sense strand, c  
41 converted to n, n denotes deoxyuracil  
42 <400> SEQUENCE: 3  
W--> 43 gaggggngnn ntggagtann  
45 <210> SEQ ID NO: 4 20  
46 <211> LENGTH: 20  
47 <212> TYPE: DNA

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/540,406

DATE: 11/04/2005

TIME: 09:01:07

Input Set : N:\Crf4\Refhold\10\_folder\J540406.raw  
Output Set: N:\CRF4\11042005\J540406.raw

48 <213> ORGANISM: Artificial Sequence  
49 <220> FEATURE:  
50 <223> OTHER INFORMATION: Description of Artificial Sequence:antisense  
51 strand, c converted to n, n denotes deoxyuracil  
52 <400> SEQUENCE: 4  
W--> 53 gggantnnag gggannnnntn 20  
55 <210> SEQ ID NO: 5  
56 <211> LENGTH: 11  
57 <212> TYPE: DNA  
58 <213> ORGANISM: Artificial Sequence  
59 <220> FEATURE:  
60 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized  
61 oligonucleotide  
62 <400> SEQUENCE: 5  
63 tttttttttt t 11  
65 <210> SEQ ID NO: 6  
66 <211> LENGTH: 11  
67 <212> TYPE: DNA  
68 <213> ORGANISM: Artificial Sequence  
69 <220> FEATURE:  
70 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized  
71 oligonucleotide, c in position 6 is methylated  
72 <400> SEQUENCE: 6  
73 tttttttttt t 11  
75 <210> SEQ ID NO: 7  
76 <211> LENGTH: 11  
77 <212> TYPE: DNA  
78 <213> ORGANISM: Artificial Sequence  
79 <220> FEATURE:  
80 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized  
81 oligonucleotide, c converted to n, n denotes  
82 deoxyuracil  
83 <400> SEQUENCE: 7  
W--> 84 tttttntttt t 11  
86 <210> SEQ ID NO: 8  
87 <211> LENGTH: 11  
88 <212> TYPE: DNA  
89 <213> ORGANISM: Artificial Sequence  
90 <220> FEATURE:  
91 <223> OTHER INFORMATION: Description of Artificial Sequence:synthesized  
92 oligonucleotide  
93 <400> SEQUENCE: 8  
94 tttttttttt t 11

**RAW SEQUENCE LISTING ERROR SUMMARY**  
PATENT APPLICATION: US/10/540,406DATE: 11/04/2005  
TIME: 09:01:08Input Set : N:\Crf4\Refhold\10\_folder\J540406.raw  
Output Set: N:\CRF4\11042005\J540406.raw**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 7,9,10,11,18,19,20

Seq#:4; N Pos. 5,7,8,13,15,16,17,18,20

Seq#:7; N Pos. 6

## VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/540,406

DATE: 11/04/2005

TIME: 09:01:08

Input Set : N:\Crf4\Refhold\10\_folder\J540406.raw  
Output Set: N:\CRF4\11042005\J540406.rawUse of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if n's or Xaa's are present.

in &lt;220&gt; to &lt;223&gt; section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:3; N Pos. 7,9,10,11,18,19,20

Seq#:4; N Pos. 5,7,8,13,15,16,17,18,20

Seq#:7; N Pos. 6

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/540,406

DATE: 11/04/2005

TIME: 09:01:08

Input Set : N:\Crf4\Refhold\10\_folder\J540406.raw  
Output Set: N:\CRF4\11042005\J540406.raw

L:43 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:3  
L:43 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:3  
L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:53 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:4  
L:53 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:4  
L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:84 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:7  
L:84 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:7  
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0

**STATISTICS SUMMARY**

PATENT APPLICATION: US/10/540,406

DATE: 11/04/2005

TIME: 09:01:08

Input Set : N:\Crf4\Refhold\10\_folder\J540406.raw  
Output Set: N:\CRF4\11042005\J540406.raw

Application Serial Number: US/10/540,406  
Alpha or Numeric or Xml: Numeric  
Application Class:  
Application File Date: 06-24-2005  
Art Unit: PCT  
Software Application: PatentIN2.1  
Total Number of Sequences: 8  
Total Nucleotides: 124  
Total Amino Acids: 0  
Number of Errors: 0  
Number of Warnings: 9  
Number of Corrections: 0

**MESSAGE SUMMARY**

258 W: 6 (Mandatory Feature missing)  
341 W: 3 ((46) "n" or "Xaa" used)